

IN THE CLAIMS:

Claims 1-4 (**cancelled**).

Claim 5 (**currently amended**): A compound as claimed in claim ~~20-18~~ wherein Zb is -O-.

Claim 6 (**currently amended**): A compound as claimed in claim ~~20-18~~ wherein R^{2a} is methoxy.

Claim 7 (**cancelled**).

Claim 8 (**currently amended**): A compound as claimed in claim ~~20-18~~ wherein R¹ is a phenyl group or a 5-6-membered heteroaromatic group with 1-3 heteroatoms, selected independently from O, S and N, (linked via a ring carbon atom), which phenyl or heteroaromatic group is optionally substituted as defined in claim ~~20-18~~.

Claim 9 (**cancelled**).

Claim 10 (**currently amended**): A compound as claimed in claim ~~20-18~~ wherein R² represents 2-methoxyethoxy, 2-(2-methoxyethoxy)ethoxy, 3-methoxypropoxy, 2-methylsulphonylethoxy, 3-methylsulphonylpropoxy, 2-(tetrahydropyran-4-yloxy)ethoxy, 3-(tetrahydropyran-4-yloxy)propoxy, 2-(4-methylpiperazin-1-yl)ethoxy, 3-(4-methylpiperazin-1-yl)propoxy, 2-morpholinoethoxy, 3-morpholinopropoxy, 2-(imidazol-1-yl)ethoxy, 3-(imidazol-1-yl)propoxy, 2-(1,1-dioxothiomorpholino)ethoxy, 3-(1,1-dioxothiomorpholino)propoxy, 2-(1,2,3-triazol-1-yl)ethoxy, 3-(1,2,3-triazol-1-yl)propoxy, 2-(N-methoxyacetyl-N-methylamino)ethoxy, 3-(N-methoxyacetyl-N-methylamino)propoxy, N-methylpiperidin-3-ylmethoxy, 4-(pyrrolidin-1-yl)but-2-en-yloxy, 2-(2-oxopyrrolidin-1-yl)ethoxy, 3-(2-oxopyrrolidin-1-yl)propoxy, 2-(pyrrolidin-1-yl)ethoxy, 3-(pyrrolidin-1-yl)propoxy,

2-(2-(pyrrolidin-1-yl)ethoxy)ethoxy, 2-(2-(4-methylpiperazin-1-yl)ethoxy)ethoxy,
2-piperidinoethoxy, 3-piperidinopropoxy, 2-(methylpiperidino)ethoxy,
3-(methylpiperidino)propoxy, 2-(ethylpiperidino)ethoxy, 3-(ethylpiperidino)propoxy,
2-((2-methoxyethyl)piperidino)ethoxy, 3-((2-methoxyethyl)piperidino)propoxy,
2-((2-methylsulphonyl)ethylpiperidino)ethoxy,
3-((2-methylsulphonyl)ethylpiperidino)propoxy, piperidin-3-ylmethoxy,
piperidin-4-ylmethoxy, 2-(piperidin-3-yl)ethoxy, 2-(piperidin-4-yl)ethoxy,
3-(piperidin-3-yl)propoxy, 3-(piperidin-4-yl)propoxy, 2-(methylpiperidin-3-yl)ethoxy,
2-(methylpiperidin-4-yl)ethoxy, 3-(methylpiperidin-3-yl)propoxy,
3-(methylpiperidin-4-yl)propoxy, 2-(ethylpiperidin-3-yl)ethoxy,
2-(ethylpiperidin-4-yl)ethoxy, 3-(ethylpiperidin-3-yl)propoxy,
3-(ethylpiperidin-4-yl)propoxy, 2-((2-methoxyethyl)piperidin-3-yl)ethoxy,
2-((2-methoxyethyl)piperidin-4-yl)ethoxy, 3-((2-methoxyethyl)piperidin-3-yl)propoxy,
3-((2-methoxyethyl)piperidin-4-yl)propoxy,
2-((2-methylsulphonyl)ethyl)piperidin-3-yl)ethoxy,
2-((2-methylsulphonyl)ethyl)piperidin-4-yl)ethoxy,
3-((2-methylsulphonyl)ethyl)piperidin-3-yl)propoxy,
3-((2-methylsulphonyl)ethyl)piperidin-4-yl)propoxy, 1-isopropylpiperidin-2-ylmethyl,
1-isopropylpiperidin-3-ylmethyl, 1-isopropylpiperidin-4-ylmethyl,
2-(1-isopropylpiperidin-2-yl)ethyl, 2-(1-isopropylpiperidin-3-yl)ethyl,
2-(1-isopropylpiperidin-4-yl)ethyl, 3-(1-isopropylpiperidin-2-yl)propyl,
3-(1-isopropylpiperidin-3-yl)propyl, 3-(1-isopropylpiperidin-4-yl)propyl,
3-(4-methylpiperazin-1-yl)propoxy, 1-methylpiperidin-4-ylmethoxy,
1-(2-methylsulphonyl)ethyl)piperidin-4-ylmethoxy,
1-(2-pyrrolidinylethyl)piperidin-4-ylmethoxy,
1-(3-pyrrolidinylpropyl)piperidin-4-ylmethoxy, 1-(2-piperidinylethyl)piperidin-4-ylmethoxy,
1-(3-piperidinylpropyl)piperidin-4-ylmethoxy, 1-(2-morpholinoethyl)piperidin-4-ylmethoxy,
1-(3-morpholinopropyl)piperidin-4-ylmethoxy,
1-(2-thiomorpholinoethyl)piperidin-4-ylmethoxy,

1-(3-thiomorpholinopropyl)piperidin-4-ylmethoxy,
1-(2-azetidinyethyl)piperidin-4-ylmethoxy or 1-(3-azetidinypropyl)piperidin-4-ylmethoxy.

Claim 11 (**currently amended**): A compound as claimed in claim 20-18 selected from:

4-(5-(4-methoxyphenyl)pyrazol-3-yloxy)-6-methoxy-7-(1-methylpiperidin-4-ylmethoxy)-quinazoline,
4-(5-(4-methoxyphenyl)pyrazol-3-yloxy)-6-methoxy-7-(3-(4-methylpiperazin-1-yl)-propoxy)quinazoline,
6-methoxy-7-(2-(2-methoxyethoxy)ethoxy)-4-(5-phenylpyrazol-3-yloxy)quinazoline,
4-(5-(3-furyl)pyrazol-3-yloxy)-6-methoxy-7-(3-morpholinopropoxy)quinazoline,
6-methoxy-7-(3-morpholinopropoxy)-4-(5-phenylpyrazol-3-yloxy)quinazoline,
7-(2-(imidazol-1-yl)ethoxy)-6-methoxy-4-(5-phenylpyrazol-3-yloxy)quinazoline,
4-(5-(4-chlorophenyl)pyrazol-3-yloxy)-6-methoxy-7-(3-morpholinopropoxy)quinazoline,
6-methoxy-7-(3-(4-methylpiperazin-1-yl)propoxy)-4-(5-phenylpyrazol-3-yloxy)-quinazoline,
6-methoxy-7-(2-methoxyethoxy)-4-(5-phenylpyrazol-3-yloxy)quinazoline,
4-(5-(4-methoxyphenyl)pyrazol-3-yloxy)-6-methoxy-7-(2-(1,2,3-triazol-1-yl)ethoxy)-quinazoline and
4-(5-(4-methoxyphenyl)pyrazol-3-yloxy)-6-methoxy-7-(1-(2-methylsulphonyl)ethyl)-piperidin-4-ylmethoxy)quinazoline,
and salts thereof.

Claim 12 (**currently amended**): A compound as claimed in claim 20-18 selected from:

7-(2-methoxyethoxy)-4-(5-phenylpyrazol-3-yloxy)quinazoline,
4-(5-(2-fluorophenyl)pyrazol-3-yloxy)-6-methoxy-7-(3-morpholinopropoxy)quinazoline,
6-methoxy-7-(3-morpholinopropoxy)-4-(5-(3-nitrophenyl)pyrazol-3-yloxy)quinazoline,
6-methoxy-7-(3-morpholinopropoxy)-4-(5-(4-nitrophenyl)pyrazol-3-yloxy)quinazoline,
6-methoxy-7-(3-morpholinopropoxy)-4-(5-(4-pyridyl)pyrazol-3-yloxy)quinazoline,

4-(5-(4-fluorophenyl)pyrazol-3-yloxy)-6-methoxy-7-(3-morpholinopropoxy)quinazoline, and 6-methoxy-7-(2-methoxyethoxy)-4-(5-(4-methoxyphenyl)pyrazol-3-yloxy)quinazoline, and salts thereof.

Claim 13 (**cancelled**).

Claim 14 (**currently amended**): A compound as claimed in any one of claims 20-18 and 5-6, 8 and 10 to 12 in the form of a pharmaceutically acceptable salt.

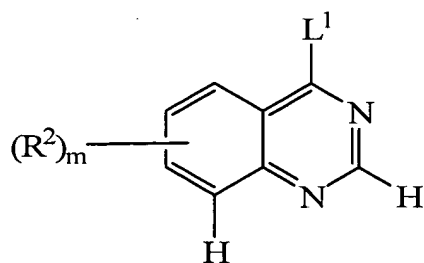
Claim 15 (**cancelled**).

Claim 16 (**currently amended**): A pharmaceutical composition which comprises as active ingredient a compound of formula II or a pharmaceutically acceptable salt thereof as claimed in any one of claims 20-18 and 5-6, 8 and 10 to 12 in association with a pharmaceutically acceptable excipient or carrier.

Claims 17-18 (**cancelled**).

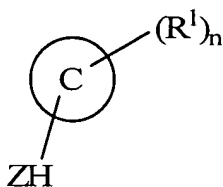
19 (**currently amended**): A process for the preparation of a compound of formula II or salt thereof, as defined in claim 20-18, wherein, unless otherwise defined herein, Z herein is Z^b as defined in claim 20, R² herein when at the 7-position of the quinazoline ring is R² as defined in claim 20, R² herein when at the 6-position of the quinazoline ring is R^{2a} as defined in claim 20, and ring C, R¹, n, m, R⁵ and X¹ herein are as defined in claim 20, said process comprising which comprises:

(a) the reaction of a compound of the formula III:



(III)

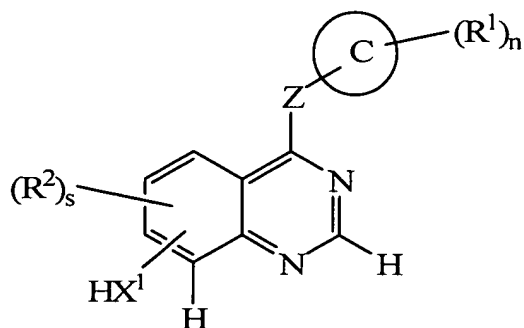
, wherein R^2 and m are as defined in claim 20-48 and L^1 is a displaceable moiety, with a compound of the formula IV:



(IV)

~~, wherein ring C, R^1 , Z and n are as defined in claim 18;~~

- (b) compounds of formula II and salts thereof wherein at least one R^2 is R^5X^1 wherein R^5 is ~~as defined in claim 18 and~~ X^1 is -O-, -S-, -OCO- or -NR¹⁰-, wherein R^{10} independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl may be prepared by the reaction of a compound of the formula V:



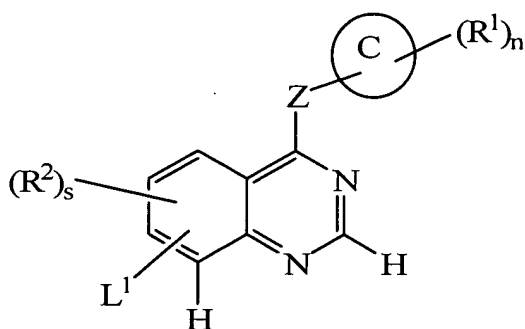
(V)

, wherein ~~ring C, Z, R¹, R² and n are as defined in claim 18~~ and X¹ is as defined herein in this section and s is an integer from 0 to 2 with a compound of formula VI:



, wherein ~~R⁵ is as defined in claim 18~~ and L¹ is as defined herein;

- (c) compounds of the formula II and salts thereof wherein at least one R² is R⁵X¹ wherein R⁵ is ~~as defined in claim 18~~ and X¹ is -O-, -S-, -OCO- or -NR¹⁰-, wherein R¹⁰ represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl may be prepared by the reaction of a compound of the formula VII:



(VII)

with a compound of the formula VIII:



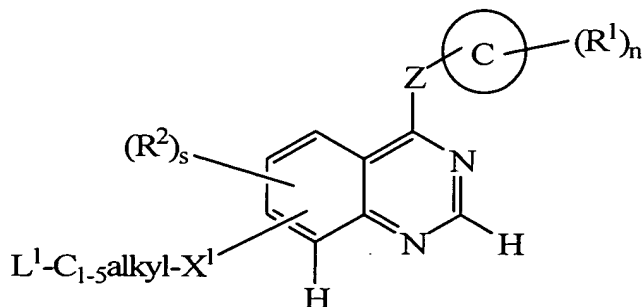
, wherein ~~R¹, R², R⁵, ring C, Z and n are as defined in claim 18~~ and s and L¹ are as defined herein and X¹ is as defined herein in this section;

- (d) compounds of the formula II and salts thereof wherein at least one R² is R⁵X¹ wherein X¹ is as defined in claim ~~20-18~~ and R⁵ is C₁₋₅alkylR⁶², wherein R⁶² is selected from one of the following nine groups:

- 1) X¹⁰C₁₋₃alkyl, wherein X¹⁰ represents -O-, -S-, -SO₂-, -NR⁶³CO- or -NR⁶⁴SO₂-, wherein R⁶³ and R⁶⁴ which may be the same or different are each hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl;

- 2) $\text{NR}^{65}\text{R}^{66}$, wherein R^{65} and R^{66} which may be the same or different are each hydrogen, $\text{C}_{1-3}\text{alkyl}$ or $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$;
- 3) $\text{X}^{11}\text{C}_{1-5}\text{alkylX}^5\text{R}^{22}$, wherein X^{11} represents $-\text{O}-$, $-\text{S}-$, $-\text{SO}_2-$, $-\text{NR}^{67}\text{CO}-$, $-\text{NR}^{68}\text{SO}_2-$ or $-\text{NR}^{69}-$, wherein R^{67} , R^{68} , and R^{69} which may be the same or different are each hydrogen, $\text{C}_{1-3}\text{alkyl}$ or $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$ and X^5 and R^{22} are as defined in claim 20-18;
- 4) $\text{R}^{59}\text{R}^{28}$, wherein $\text{R}^{59}\text{R}^{28}$ is as defined in claim 20-18;
- 5) $\text{X}^{12}\text{R}^{29}$, wherein X^{12} represents $-\text{O}-$, $-\text{S}-$, $-\text{SO}_2-$, $-\text{NR}^{70}\text{CO}-$, $-\text{NR}^{71}\text{SO}_2-$, or $-\text{NR}^{72}-$, wherein R^{70} , R^{71} , and R^{72} which may be the same or different are each hydrogen, $\text{C}_{1-3}\text{alkyl}$ or $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$ and R^{29} is as defined in claim 20-18;
- 6) $\text{X}^{13}\text{C}_{1-2}\text{alkylR}^{29}$, preferably $\text{X}^{13}\text{C}_{1-3}\text{alkylR}^{29}$, wherein X^{13} represents $-\text{O}-$, $-\text{S}-$, $-\text{SO}_2-$, $-\text{NR}^{73}\text{CO}-$, $-\text{NR}^{74}\text{SO}_2-$ or $-\text{NR}^{75}-$, wherein R^{73} , R^{74} and R^{75} each independently represents hydrogen, $\text{C}_{1-3}\text{alkyl}$ or $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$, and R^{29} is as defined in claim 20-18;
- 7) R^{29} , wherein R^{29} is as defined in claim 20-18;
- 8) $\text{X}^{14}\text{C}_{1-3}\text{alkylR}^{28}$, wherein X^{14} represents $-\text{O}-$, $-\text{S}-$, $-\text{SO}_2-$, $-\text{NR}^{76}\text{CO}-$, $-\text{NR}^{77}\text{SO}_2-$ or $-\text{NR}^{78}-$, wherein R^{76} , R^{77} and R^{78} each independently represents hydrogen, $\text{C}_{1-3}\text{alkyl}$ or $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$, and R^{28} is as defined in claim 20-18; and
- 9) $\text{R}^{54}\text{C}_{1-2}\text{alkylX}^9\text{R}^{55}$, $\text{R}^{54}\text{C}_{1-3}\text{alkylX}^9\text{R}^{55}$, wherein R^{54} , R^{55} and X^9 are as defined in claim 20-18;

may be prepared by reacting a compound of the formula IX:



(IX)

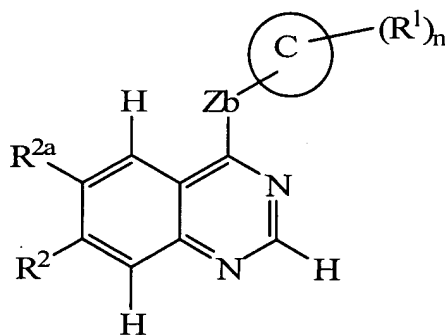
, wherein ~~X^1 , R^1 , R^2 , ring C, Z and n~~ are as defined in claim 18 and s and L^1 are as defined herein) with a compound of the formula X:



, wherein R^{62} is as defined herein);

- (e) compounds of the formula II and salts thereof wherein one or more of the substituents $(R^2)_m$ is represented by $-NR^{79}R^{80}$, where one (and the other is hydrogen) or both of R^{79} and R^{80} are C_{1-3} alkyl, may be prepared by the reaction of compounds of formula II wherein the substituent $(R^2)_m$ is an amino group and an alkylating agent;
- (f) compounds of the formula II and salts thereof wherein X^1 is $-SO-$ or $-SO_2-$ may be prepared by oxidation from the corresponding compound in which X^1 is $-S-$ or $-SO-$; and optionally forming ~~when a salt of a compound of formula II is required, by~~ reaction of the compound obtained with an acid or base whereby to obtain the desired salt.

Claim 20 (new): A compound of the formula II:



II

wherein:

ring C is pyrazolyl;

Zb is $-O-$ or $-S-$;

R^1 represents hydrogen, C_{1-4} alkyl, C_{1-4} alkoxymethyl, di(C_{1-4} alkoxy)methyl, C_{1-4} alkanoyl, trifluoromethyl, cyano, amino, C_{2-5} alkenyl, C_{2-5} alkynyl, a phenyl group, a benzyl group or a 5-6-membered heterocyclic group with 1-3 heteroatoms, selected independently from

O, S and N, which heterocyclic group may be aromatic or non-aromatic and may be saturated and linked via a ring carbon or nitrogen atom, or unsaturated and linked via a ring carbon atom, and which phenyl, benzyl or heterocyclic group may bear on one or more ring carbon atoms up to 5 substituents selected from hydroxy, halogeno, C₁₋₃alkyl, C₁₋₃alkoxy, C₁₋₃alkanoyloxy, trifluoromethyl, cyano, amino, nitro, C₂₋₄alkanoyl, C₁₋₄alkanoylamino, C₁₋₄alkoxycarbonyl, C₁₋₄alkylsulphanyl, C₁₋₄alkylsulphinyl, C₁₋₄alkylsulphonyl, carbamoyl, N-C₁₋₄alkylcarbamoyl, N,N-di(C₁₋₄alkyl)carbamoyl, aminosulphonyl, N-C₁₋₄alkylaminosulphonyl, N,N-di(C₁₋₄alkyl)aminosulphonyl, C₁₋₄alkylsulphonylamino, C₁₋₄alkylamino, C₁₋₄hydroxyalkyl, C₁₋₄aminoalkyl, C₁₋₄haloalkyl, C₁₋₄hydroxyalkoxy, carboxy and a saturated heterocyclic group selected from morpholino, thiomorpholino, pyrrolidinyl, piperazinyl, piperidinyl imidazolidinyl and pyrazolidinyl, which saturated heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C₁₋₃alkyl, C₁₋₃alkoxy, C₁₋₃alkanoyloxy, trifluoromethyl, cyano, amino, nitro and C₁₋₄alkoxycarbonyl; and additionally R¹ may represent carboxy, C₃₋₇cycloalkyl, C₃₋₇cycloalkylC₁₋₃alkyl, or phenylC₂₋₄alkyl wherein the phenyl moiety may bear up to 5 substituents selected from the list herein defined for a phenyl ring which is directly linked to ring C;

n is an integer from 0 to 5;

m is an integer from 0 to 3;

R² represents hydroxy, nitro, trifluoromethyl, cyano, amino or R⁵X¹- wherein X¹ represents a direct bond, -O-, -CH₂-, -OCO-, carbonyl, -S-, -SO-, -SO₂-, -NR⁶CO-, -CONR⁷-, -SO₂NR⁸-, -NR⁹SO₂- or -NR¹⁰-, wherein R⁶, R⁷, R⁸, R⁹ and R¹⁰ each independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R⁵ is selected from one of the following eighteen groups:

- 1) C₁₋₄alkyl which may be unsubstituted or substituted with one or more fluorine atoms, or C₂₋₄alkyl which may be unsubstituted or substituted with 1 or 2 groups selected from hydroxy and amino;
- 2) C₂₋₃alkylX²COR¹¹, wherein X² represents -O- or -NR¹²-, in which R¹² represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R¹¹ represents -NR¹³R¹⁴ or -OR¹⁵,

- wherein R^{13} , R^{14} and R^{15} which may be the same or different are each C_{1-2} alkyl or C_{1-2} alkoxyethyl;
- 3) $C_{2-4}alkylX^3R^{16}$, wherein X^3 represents -O-, -S-, -SO-, -SO₂-, -OCO-, -NR¹⁷CO-, -CONR¹⁸-, -SO₂NR¹⁹-, -NR²⁰SO₂- or -NR²¹-, wherein R^{17} , R^{18} , R^{19} , R^{20} and R^{21} each independently represents hydrogen, C_{1-3} alkyl or C_{1-3} alkoxy C_{2-3} alkyl, and R^{16} is a group selected from C_{1-3} alkyl, cyclopentyl, cyclohexyl, pyrrolidinyl and piperidinyl which group is linked to X^3 through a carbon atom and which C_{1-3} alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C_{1-2} alkoxy and which cyclopentyl, cyclohexyl, pyrrolidinyl or piperidinyl group may carry one substituent selected from oxo, hydroxy, halogeno, C_{1-2} alkyl, C_{1-2} hydroxyalkyl and C_{1-2} alkoxy;
- 4) $C_{2-3}alkylX^4C_{2-3}alkylX^5R^{22}$, wherein X^4 and X^5 , which may be the same or different, are each -O-, -S-, -SO-, -SO₂-, -NR²³CO-, -CONR²⁴-, -SO₂NR²⁵-, -NR²⁶SO₂- or -NR²⁷-, wherein R^{23} , R^{24} , R^{25} , R^{26} and R^{27} each independently represents hydrogen, C_{1-3} alkyl or C_{1-3} alkoxy C_{2-3} alkyl, and R^{22} represents hydrogen or C_{1-3} alkyl;
- 5) $C_{1-4}alkylR^{59}$, wherein R^{59} is a group selected from pyrrolidinyl, piperazinyl, piperidinyl, 1,3-dioxolan-2-yl, 1,3-dioxan-2-yl, 1,3-dithiolan-2-yl and 1,3-dithian-2-yl, which group is linked to C_{1-4} alkyl through a carbon atom and which group may carry 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-3} alkyl, C_{1-3} hydroxyalkyl, C_{1-3} alkoxy, C_{1-2} alkoxy C_{1-3} alkyl and C_{1-2} alkylsulphonyl C_{1-3} alkyl or $C_{2-4}alkylR^{60}$, wherein R^{60} is a group selected from morpholino, thiomorpholino, pyrrolidin-1-yl, piperazin-1-yl and piperidino which group may carry 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-3} alkyl, C_{1-3} hydroxyalkyl, C_{1-3} alkoxy, C_{1-2} alkoxy C_{1-3} alkyl and C_{1-2} alkylsulphonyl C_{1-3} alkyl;
- 6) $C_{3-4}alkenylR^{61}$, wherein R^{61} represents R^{59} or R^{60} as defined herein;
- 7) $C_{3-4}alkynylR^{61}$, wherein R^{61} represents R^{59} or R^{60} as defined herein;
- 8) R^{29} , wherein R^{29} represents a pyridone group, a phenyl group or a 5-6-membered aromatic heterocyclic group, linked via carbon or nitrogen, with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group

may carry up to 5 substituents on an available carbon atom selected from hydroxy, halogeno, amino, C₁₋₄alkyl, C₁₋₄alkoxy, C₁₋₄hydroxyalkyl, C₁₋₄aminoalkyl, C₁₋₄alkylamino, C₁₋₄hydroxyalkoxy, carboxy, trifluoromethyl, cyano, -CONR³⁰R³¹ and -NR³²COR³³, wherein R³⁰, R³¹, R³² and R³³, which may be the same or different, each represents hydrogen, C₁₋₄alkyl or C₁₋₃alkoxyC₂₋₃alkyl;

- 9) C₁₋₄alkylR²⁹, wherein R²⁹ is as defined herein;
- 10) 1-R²⁹prop-1-en-3-yl or 1-R²⁹but-2-en-4-yl, wherein R²⁹ is as defined herein with the proviso that when R⁵ is 1-R²⁹prop-1-en-3-yl, R²⁹ is linked to the alkenyl group via a carbon atom;
- 11) 1-R²⁹prop-1-yn-3-yl or 1-R²⁹but-2-yn-4-yl, wherein R²⁹ is as defined herein with the proviso that when R⁵ is 1-R²⁹prop-1-yn-3-yl, R²⁹ is linked to the alkynyl group via a carbon atom;
- 12) C₁₋₅alkylX⁶R²⁹, wherein X⁶ represents -O-, -S-, -SO-, -SO₂-, -NR³⁴CO-, -CONR³⁵-, -SO₂NR³⁶-, -NR³⁷SO₂- or -NR³⁸-, wherein R³⁴, R³⁵, R³⁶, R³⁷ and R³⁸ each independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R²⁹ is as defined herein;
- 13) 1-(R²⁹X⁷)but-2-en-4-yl, wherein X⁷ represents -O-, -S-, -SO-, -SO₂-, -NR³⁹CO-, -CONR⁴⁰-, -SO₂NR⁴¹-, -NR⁴²SO₂- or -NR⁴³-, wherein R³⁹, R⁴⁰, R⁴¹, R⁴² and R⁴³ each independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R²⁹ is as defined herein;
- 14) 1-(R²⁹X⁸)but-2-yn-4-yl, wherein X⁸ represents -O-, -S-, -SO-, -SO₂-, -NR⁴⁴CO-, -CONR⁴⁵-, -SO₂NR⁴⁶-, -NR⁴⁷SO₂- or -NR⁴⁸-, wherein R⁴⁴, R⁴⁵, R⁴⁶, R⁴⁷ and R⁴⁸ each independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R²⁹ is as defined herein;
- 15) C₂₋₃alkylX⁹C₁₋₂alkylR²⁹, wherein X⁹ represents -O-, -S-, -SO-, -SO₂-, -NR⁴⁹CO-, -CONR⁵⁰-, -SO₂NR⁵¹-, -NR⁵²SO₂- or -NR⁵³-, wherein R⁴⁹, R⁵⁰, R⁵¹, R⁵² and R⁵³ each independently represents hydrogen, C₁₋₃alkyl or C₁₋₃alkoxyC₂₋₃alkyl, and R²⁹ is as defined herein;

16) R^{28} , wherein R^{28} is a 5-6-membered saturated heterocyclic group, linked via carbon or nitrogen, with 1-2 heteroatoms selected independently from O, S and N, which heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-4} alkyl, C_{1-4} hydroxyalkyl, C_{1-4} alkoxy, C_{1-4} alkoxy C_{1-4} alkyl, C_{1-4} alkylsulphonyl C_{1-4} alkyl and C_{1-4} alkoxycarbonyl;

17) C_{2-3} alkyl X^9C_{1-2} alkyl R^{28} , wherein X^9 and R^{28} are as defined herein; and

18) C_{2-3} alkyl $R^{54}C_{1-2}$ alkyl X^9R^{55} , wherein X^9 is as defined herein, and R^{54} and R^{55} are each independently selected from hydrogen, C_{1-3} alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C_{1-3} alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C_{1-4} alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-4} alkyl, C_{1-4} hydroxyalkyl, C_{1-4} alkoxy, C_{1-4} cyanoalkyl and C_{1-4} alkoxycarbonyl, with the proviso that R^{54} cannot be hydrogen;

and additionally wherein any C_{1-5} alkyl, C_{2-5} alkenyl or C_{2-5} alkynyl group in R^5X^1 may bear one or more substituents selected from hydroxy, halogeno and amino; provided that R^2 is not hydrogen, substituted or unsubstituted C_{1-5} alkyl, C_{1-5} alkoxy, phenoxy or phenyl C_{1-5} alkoxy; and

R^{2a} represents hydrogen, halogeno, C_{1-3} alkyl, C_{1-3} alkoxy, C_{1-3} alkylthio, $-NR^{3a}R^{4a}$, wherein R^{3a} and R^{4a} , which may be the same or different, each represents hydrogen or C_{1-3} alkyl, or $R^{5a}(CH_2)_{za}X^{1a}$, wherein R^{5a} is a 5- or 6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-4} alkyl, C_{1-4} hydroxyalkyl and C_{1-4} alkoxy, za is an integer from 0 to 4 and X^{1a} represents a direct bond, $-O-$, $-CH_2-$, $-S-$, $-SO-$, $-SO_2-$, $-NR^{6a}CO-$, $-CONR^{7a}-$, $-SO_2NR^{8a}-$, $-NR^{9a}SO_2-$ or $-NR^{10a}-$, wherein R^{6a} , R^{7a} , R^{8a} , R^{9a} and R^{10a} each independently represents hydrogen, C_{1-3} alkyl or C_{1-3} alkoxy C_{2-3} alkyl;

or a salt thereof.